Safety Is a Good Habit to Get Into

NOTICE
Carefully read the instructions contained in this manual, as they provide important information which is essential to safe and proper installation, use and maintenance of the appliance.

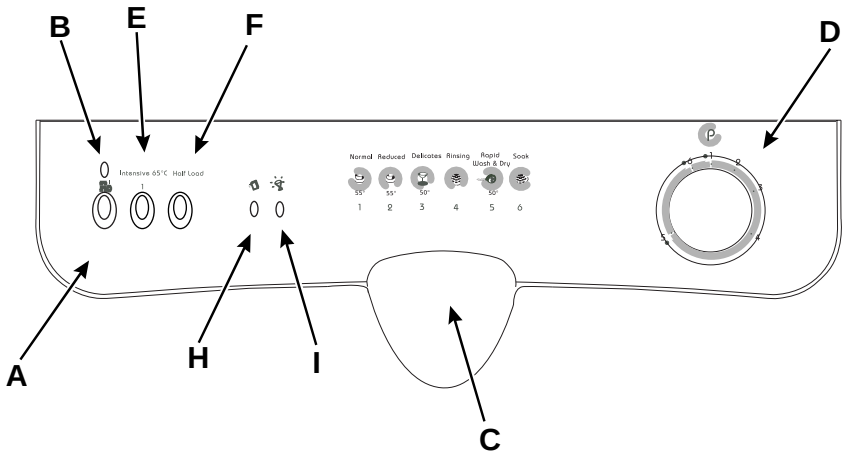
This appliance complies with the following EEC directives:
- 73/23/EEC of 19/02/73 (Low Voltage) and subsequent modifications;
- 89/336/EEC of 03/05/89 (Electromagnetic Compatibility) and subsequent modifications.

1.Carefully dispose of the packing material.
2.After removing the packing, check to make sure that the appliance is not damaged. If in doubt, contact a qualified professional.
3.The dishwasher must only be used by adults for the washing of household dishes and cooking utensils.
4.Fundamental rules to follow when using the appliance:
- Never touch the dishwasher when barefoot or with wet hands or feet;
- We discourage the use of extension cords and multiple sockets;
- During installation, the power supply cord must not be excessively or dangerously bent or flattened;
- If the appliance is not operating properly or maintenance must be performed, disconnect the appliance from the power supply.
5.Keep detergents out of the reach of children, who must also be kept away from the dishwasher when it is open.
6.This appliance cannot be installed outdoors, not even if the area in which it is installed is covered by a roof; it is also very dangerous to leave it exposed to the rain and elements.
7.Do not touch the heating element during or after a wash cycle.
8.Do not lean or sit on the door when it is open, as this could overturn the dishwasher.
9.If the appliance malfunctions, turn off water supply to the appliance and disconnect the plug from the wall socket. Then, consult the section entitled, "Troubleshooting." If you cannot resolve the problem, contact a service centre.
10. Appliances which are no longer being used must be made inoperable by cutting the power supply cord and removing the door lock.

To maintain the EFFICIENCY and SAFETY of this appliance, we recommend:

- **use only the MANUFACTURER Service**
- **use only ORIGINAL Spare Parts**

Close-up View (control panel)



A **ON - OFF Button**

B **ON - OFF Light**

C **Handle For Opening Door**

D **Knob For Selecting Cycles**

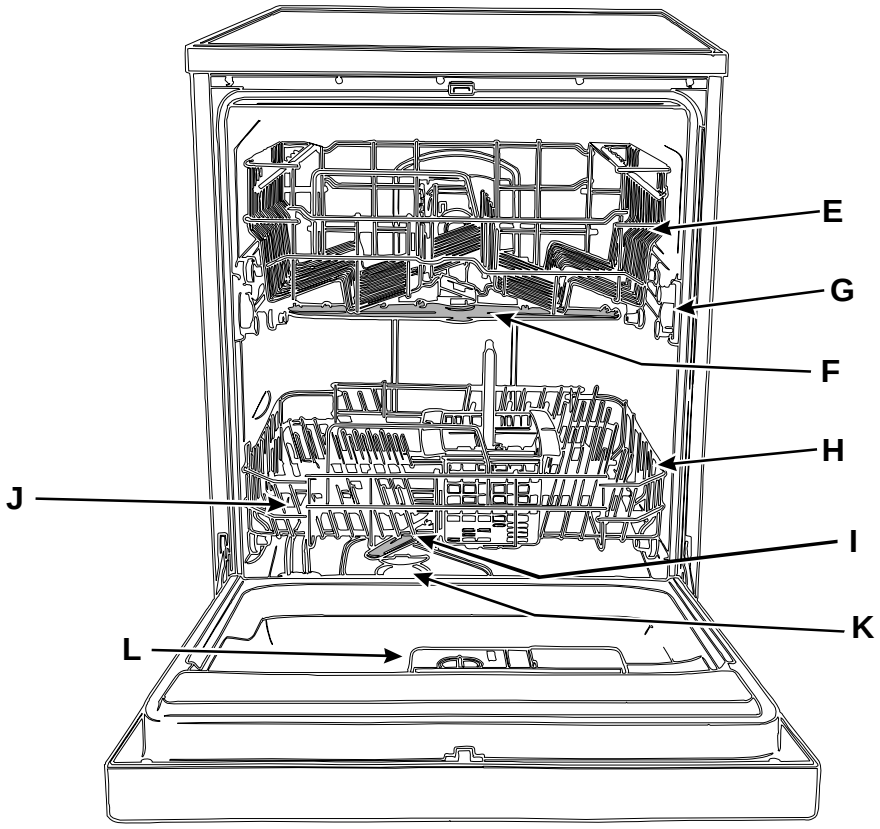
E **"INTENSIVE 65°C" Button**

F **"HALF LOAD" Button**

H **Low Salt Indicator Light**

I **Low Rinse Aid Indicator Light**

Close-up View (Interior)



- **E** Upper Rack
- **F** Top Sprayer Arm
- **G** Rack Height Adjustor
- **H** Lower Rack
- **I** Bottom Sprayer Arm
- **J** Salt Container Cap
- **K** Washing Filter
- **L** Detergent and Rinse Aid Dispenser

Technical characteristics	
Width	cm. 60
Depth	cm. 60
Height	cm. 85
Capacity	12 standard place settings
Mains water pressure	20 KPa÷ 1MPa (0,2 ÷10 bar)
Power voltage	See data plate
Total absorber power	See data plate
Fuse	See data plate

Salt .....

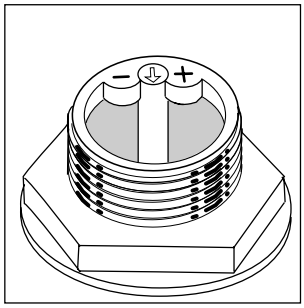
Salt
The hardness of the water varies from place to place. If hard water is used in the dishwasher, deposits will form on the dishes and utensils.
The appliance is equipped with a special softener that uses a salt specifically designed to eliminate lime and minerals from the water.

Loading the Salt into the Softener
Always use salt intended for use with dishwashers.
The salt container is located beneath the lower rack and should be filled as follows:
1. Remove the lower rack and then unscrew and remove the cap from the salt container;
2. If you are filling the container for the first time, fill it with water;
3. Place the end of the funnel (supplied) into the hole and introduce about 2 kg of salt. It is normal for a small amount of water to come out of the salt container.
4. Carefully screw the cap back on.

The salt container must be filled when the "low salt" indicator light (located on the control panel) comes on.

Warning: *To prevent rust from forming, we advise you to load the salt* ***before*** *starting a wash cycle.*

Adjusting Salt Consumption
The dishwasher is designed to allow for adjusting the amount of salt consumed based on the harness of the water used. This is intended to optimize and customize the level of salt consumption so that it remains at a minimum.



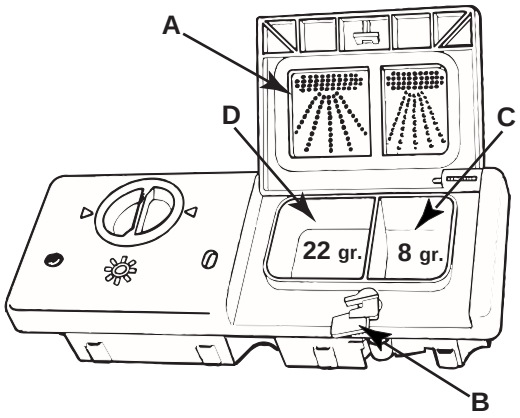
Your Local Water Board can supply the degree of hardness of the water
in your area.
To adjust salt consumption, proceed as follows:
1) Unscrew the cap from the salt container.
2) There is a ring on the container with an arrow on it (see figure to the side), if necessary, rotate the ring in the anti-clockwise direction from the **"_"** setting towards the "**+**" sign, based on the hardness of the water being used.
It is recommended that adjustments be made in accordance with the following schema:

Water Hardness					
Clarke degrees	**°dH**	**mmol/l**	**Selector position**	**Salt consumption** (grams/-cycle)	**Autonomy** (cycles\2-kg)
0 ¸ 14	**0 ¸ 17**	**0 ¸ 1,7**	**/**	**0**	**/**
14¸ 36	**18 ¸ 44**	**1,8 ¸ 4,4**	**"-"**	**20**	**60**
36 ¸ 71	**45 ¸ 89**	**4,5 ¸ 8,9**	**MED**	**40**	**40**
>71	**> 89**	**> 8,9**	**"+"**	**60**	**25**

Detergent and Rinse Aid ....

Detergent
Detergent specifically intended for use with dishwashers must be used. The dispenser must be refilled before the start of each wash cycle following the instructions provided in the "Wash Cycle Table." The detergent dispenser is located on the inside panel of the door.

Loading the detergent
To open lid "**A**", press button "**B**". The cleaning detergent should be introduced into the two containers "**C**"and "**D**" up to the rim.
After pouring in the detergent, replace the lid, pressing down until it clicks.



Dishwasher detergent in tablets is now available on the market, in which case you should place one tablet into container "D" and replace the lid.

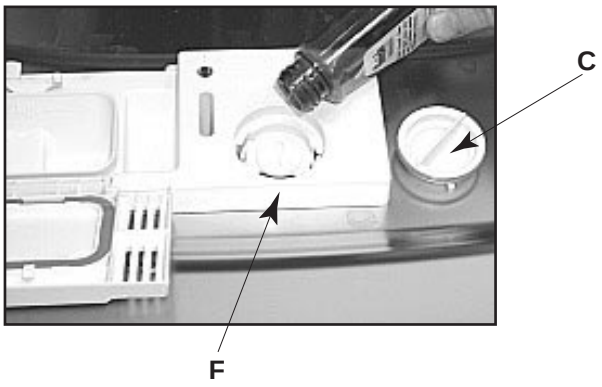
Those Institutes which carry out comparative tests should keep to the dosage indications contained in the wash cycle table.

Notice: To facilitate closing the cover, remove any excess detergent on the edges of the dispenser.

Rinse Aid
This product makes dishes sparkle and helps them to dry without spotting. The dispenser is located on the inside panel of the door and should be filled after every 80 wash cycles (or when the rinse aid indicator light comes on for those models with this feature).

Loading the Rinse Aid
To open the dispenser, turn the "C" cap in the anti-clockwise direction and then pour in the rinse aid, making sure not to overfill. The amount of rinse aid used for each cycle can be regulated by turning the "F" dose adjustor, located beneath the "C" cap, with a screwdriver. There are 6 different settings; the normal dosage setting is 3.

Important:
Proper dosage of the rinse aid improves drying.
If drops of water remain on the dishes or spotting occurs, the dosage adjustor should be turned to a higher setting. If the dishes have white streaks, turn the dosage adjustor to a lower setting.



Loading the Dishwasher

Before placing the dishes in the dishwasher, remove the larger food particles to prevent the filter from becoming clogged, which results in reduced performance.
If the pots and pans have baked-on food that is extremely hard to remove, we recommend that they be allowed to soak before they are washed. This will eliminate the need for extra wash cycles.
Pull out the racks to facilitate loading the dishwasher.

How to Use the Lower Rack
We recommend that you place the most difficult to clean items on the bottom rack: pots, pans, lids, serving dishes and bowls, as shown in the figure to the right.
It is preferable to place serving dishes and lids on the sides of the racks in order to avoid blocking the rotation of the top spray arm.
- Pots, serving bowls, etc. must always be placed top down.
- Deep pots should be slanted to allow the water to flow out.

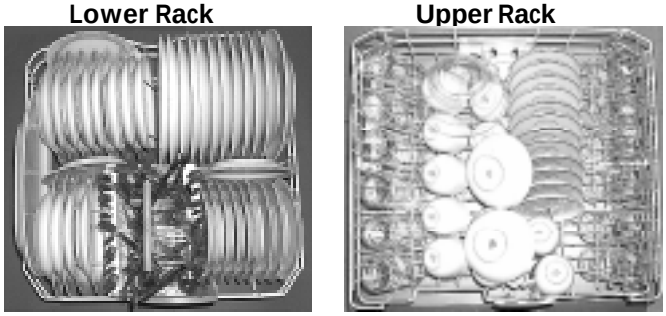
-The silverware basket can be doubled (see figure **A**) so that only one section may be used when the silverware load is light. This also makes space for additional pots and pans, and it can also be placed in the upper rack.

- Silverware should be placed in the silverware basket with the handles at the bottom; If the rack has side baskets, the spoons should be loaded individually into the appropriate slots. Especially long utensils should be placed in the horizontal position at the front of the upper rack.

How to Use the Upper Rack
The upper rack is designed to hold more delicate and lighter dishware, such as glasses, coffee and tea cups and saucers, as well as plates, small bowls and shallow pans (as long as they are not too dirty).
- Position the dishes and cookware so that they do not get moved by the spray of water.

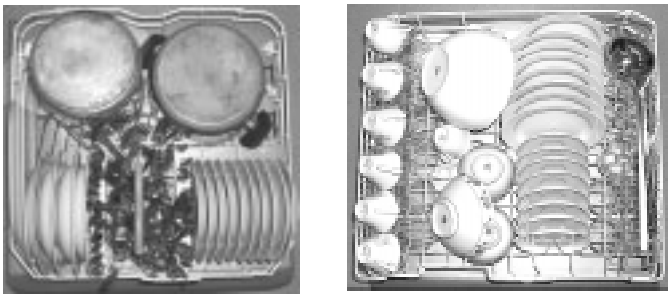
How to adjust the Upper rack ...
The top rack can be adjusted using the two rack heights (top and bottom). To adjust the rack, open up the tabs that lock the guides and pull out the rack. Arrange the rack with the back wheels in either the top or bottom position and then insert it along the guides until the front wheels are on as well. Close the tabs to lock the rack in place (see Fig. **F**).

Lower Rack **Upper Rack**



Load for 12 Standard Settings (For IEC- EN 50242: upper rack at top position)

Lower Rack **Upper Rack**



Normal Daily Load

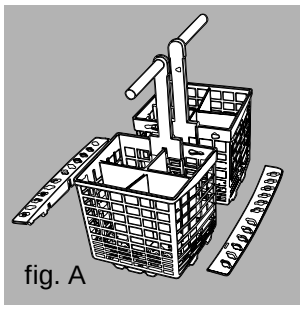


fig. A

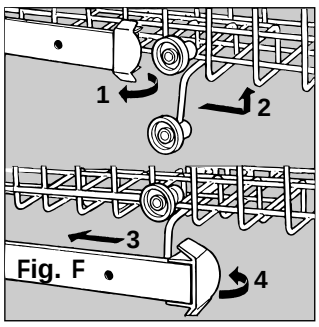


Fig. F

Turning on the Appliance

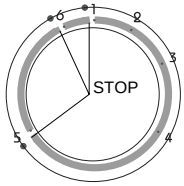
Starting a wash cycle....
1. Make sure that the plug for the appliance is inserted into the wall socket.
2. Make sure that the water supply is turned on to full pressure.
3. Load the dishwasher (see the section entitled, "Loading the Dishwasher").
4. Pour in the detergent (see the section entitled, "Salt, Detergent and Rinse Aid").
5. Turn the knob located on the right of the control panel in the clockwise direction until the number or symbol for the cycle setting is aligned with the reference mark (see the section entitled, "Wash Cycle Table").
6. Press the ON-OFF botton, and the ON-OFF light will turn on. At this point, the wash cycle will begin.

Cancelling or modifying a wash cycle setting...
Premise: A cycle that is underway can only be modified if it has only been running for a short time. Otherwise, the detergent may have already been used, and the appliance may have already drained the wash water. If this is the case, the detergent dispenser must be refilled (see the paragraph entitled, "Loading the Detergent").

Press the ON-OFF button, and the ON light will turn off. Rotate the knob in the clockwise direction to the desired cycle setting (see the section entitled, "Starting a wash cycle..."). Then, turn the dishwasher back on using the ON-OFF button.

If you forget to load some of the dishes...
The wash cycle can be interrupted by pressing the ON-OFF button. You can then load additional dishes and turn the appliance back on. The cycle will start where it left off.

At the end of the wash cycle...
When the knob stops turning and is aligned with a STOP mark (see figure), the cycle has finished.



Turn off the appliance using the ON-OFF button, turn off the water supply and open the door of the dishwasher.
Wait a few minutes before unloading the dishwasher to avoid handling the dishes and utensils while they are still hot and more susceptible to breakage. They will also dry better.

Wash Cycle Adjustment Buttons

"Intensive 65°C" Button
This button (see "Close-up View - Control Panel", letter "**E**") is used with the normal cycle in the case where pots and pans with dry caked-on food must be washed.
This is not recommended for delicate items in so far as the high temperatures could make their surfaces opaque or lighten decorative colors after repeated washing.

"Half Load "Button"
This button (see "Close-up View - Control Panel", letter "**F**") makes it possible to wash dishes using only the upper rack if there are not enough dishes for a full load. This will allow you to save on water and electrical energy.
It can be used before setting any of the wash cycles, except for the intensive cycles (if included in the wash cycle table).
Please keep in mind that the amount of detergent should also be cut in half.

Wash Cycle Table

Cycle	INTENSIVE 65°C Button	Cycle Selection Information	Description of Cycle	Detergent for Pre-wash + Wash	Rinse Aid
1) Normal Wash 55°C (IEC-EN 50242)		Normally dirty dishes, pots and pans. Standard daily cycle.	2 pre-washes with cold water. Extended wash a 55°C. Rinse with hot water at 65°C. Drying.	**8+22gr.**	*
1) Normal Wash	✻	Very dirty dishes, pots and pans (not to be used with delicate items).	Pre-wash with cold water. Pre-wash with hot water. Extended wash a 65°C. Rinse with cold water. Rinse with hot water at 65°C. Drying.	**8+22gr.**	*
2) Reduced Wash 55°C		Normally dirty dishes, pots and pans without dried-on residue.	Pre-wash with cold water. Extended wash at 55°C. Rinse with hot water at 65°C. Drying.	**4+22gr.**	*
3) Delicates Wash 50°C		Economic, fast cycle to be used for items which are sensitive to higher. Run immediately after dishes are used.	Wash at 50°C. Hot Rinse at 65°C Drying.	**22 gr.**	*
4) Rinsing		For dishes that need to be rinsed and dried only.	Rinse with hot water at 65°C. Drying.		*
5) Rapid Wash & Dry		Economic, fast cycle to be used to on not very dirty dishes right after they are used.	Short wash at 50°C. Rinse with hot water at 65°C. Drying.	**22 gr.**	*
6) Soak		Pre-wash of dishes, pots and pans while waiting for the load to be completed after the subsequent meal.	Short cold wash to prevent food residue from drying on the dishes.		

Energy Saving Tips

- It is important to try and run the dishwasher when it is fully loaded in order to save on energy. In order to prevent odors from forming and food from caking onto the dishes, you can run the hold cycle.

- Choose the right wash cycle: the choice of cycle depends on the type of dishware, cookware and utensils being washed and how dirty they are.

- Use the right amount of detergent: if you use too much detergent, the result will not be cleaner dishes, but, rather, a greater negative impact on the environment.

- There is no utility in rinsing dishes, cookware and utensils before placing them in the dishwasher.

How to Keep Your Dishwasher in Shape

After Every Wash
After every wash, turn off the water supply to the appliance and leave the door slightly ajar so that moisture and odors are not trapped inside.

Remove the Plug
Before cleaning or performing maintenance, always remove the plug from the socket. Do not run risks.

No Solvents or Abrasive Cleaning Products
To clean the exterior and rubber parts of the dishwasher, do not use solvents or abrasive cleaning products. Rather, use only a cloth and warm soapy water.
To remove spots or stains from the surface of the interior, use a cloth dampened with water and a little white vinegar, or a cleaning product made specifically for dishwashers.

When You Go on Holiday
When you go on holiday, it is recommended that you run a wash cycle with the dishwasher empty and then remove the plug from the socket, turn off the water supply and leave the door of the appliance slightly ajar. This will help the seals last longer and prevent odors from forming within the appliance.

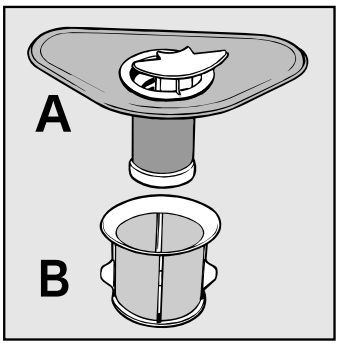
Moving the Appliance
If the appliance must be moved, try to keep it in the vertical position. If absolutely necessary, it can be positioned on its back.

Seals
One of the factors that cause odors to form in the dishwasher is food that remains trapped in the seals. Periodic cleaning with a damp sponge will prevent this from occuring.

Cleaning and Special Maintenance

Filter Assembly
For best performance and results, the filter assembly must be cleaned frequently.
The filter efficiently removes food particles from the wash water, allowing it to be recirculated during the cycle. For this reason, it is a good idea to remove the larger food particles trapped in the filter after each wash cycle by rinsing the "**A**" semi-circular filter and cup under running water. To remove the filter assembly, pull on the cup handle in the upward direction. The entire filter assembly (made up of the "**A**" semicircular filter and the "**B**" fine filter) should be cleaned at least once a week.

To clean the filter and the fine filter, use a cleaning brush. Then, reassemble the filter parts as shown in the figures below and reinsert the entire assembly in the dishwasher, positioning in its seat and pressing downward.
The dishwasher must never be used without the filters. Improper replacement of the filters may reduce the performance level of the appliance and damage dishes and utensils.



Cleaning the Sprayer Arms
It may happen that food particles become encrusted on the sprayer arms and block the holes. Check the sprayer arms periodically and clean them when needed (see "Close-up View [interior]", letters F-I).

Cleaning the Water Inlet Filter
Periodically clean the water inlet filter (see figure 2 under "Installation") located on the outlet of the water supply tap. After turning off the water tap, unscrew the end of the water supply hose, remove the filter and clean it carefully under running water. Then, return the filter to its place and tighten the water supply hose back into position.

Troubleshooting

It may occur that the dishwasher does not function or does not function properly. Before calling for assistance, let us see what can be done first: have you forgot to press one of the buttons or to perform an essential operation?

The Dishwasher Does Not Start
Have you checked whether:
- the plug is pushed into the socket correctly;
- the power is on in the house;
- the door is closed properly;
- the ON-OFF switch is on "ON";
- the water supply is turned on.

The Dishwasher Does Not Load Water
Have you checked whether:
- the water is turned on and the hose is connected properly;
- the water supply to the house is on and has sufficient pressure;
- the water supply hose is crimped or bent;
- the filter for the water supply hose is clogged.

The Dishes Are Not Clean
Have you checked whether:
- the water is turned on and the hose is connected properly;
- the water supply to the house is on and has sufficient pressure;
- the water supply hose is crimped or bent;
- the filter for the water supply hose is clogged.

The Dishwasher Does Not Drain
Have you checked whether:
- the drain hose is crimped or bent.

Lime Deposits or a White Film Form on the Dishes
Have you checked whether:
- the lid to the salt container is closed properly;
- the rinse aid dosage is correct.

If, despite all these checks, the dishwasher still does not function and/or the problem persists, contact the nearest authorised service centre and provide them with the following information:
- the nature of the problem;
- the model type number (Mod. ...) and the serial number (S/N ....), which are indicated on the plate located on the side of the inner part of the door.

Never call on unauthorised technicians and refuse to allow parts to be installed that are not original spare parts.

Installation

Positioning the Appliance
Position the appliance in the desired location. The back should rest against the wall behind it, and the sides, along the adjacent cabinets or wall. The dishwasher is equipped with water supply and drain hoses that can be positioned to the right or the left to facilitate proper installation.

This dishwasher model can be built-in under the one worktop, and it therefore comes provided with an assembly kit complete with an instructions sheet.

Levelling the Appliance
Once the appliance is positioned, adjust the feet (screwing them in or out) to adjust the height of the dishwasher, making it level. In any case, the appliance should not be inclined more than 2°.
If the appliance is level, it will help ensure proper performance.

Cold Water Connection
Connect the cold water supply hose to a threaded 3/4 (gas) connector, inserting the small filter supplied with the dishwasher and making sure that it is fastened tightly in place (see figure 2).
If the water pipes are new or have not been used for an extended period of time, let the water run to make sure that the water is clear and free of impurities. If this precaution is not taken, there is a risk that the water inlet can get blocked and damage the appliance.

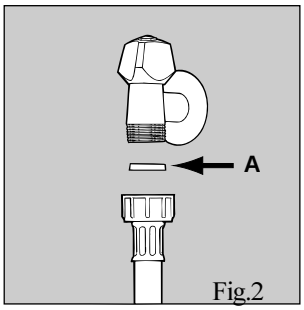
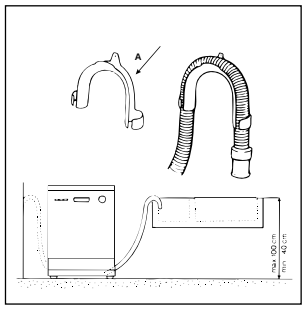


Fig.2

Hot Water Connection
The water supply to the appliance can also be connected to the house's hot water line (centralised system, heating system), as long as it does not exceed a temperature of 60° C.
In this case, the wash cycle time will be shortened by about 15 minutes and the wash efficiency slightly reduced.
The connection must be made to the hot water line following the same procedures as those for the connection to the cold water line.

Drain Hose Connection
Insert the drain hose into a drain pipe with a minimum diameter of 4 cm., or let it run into the sink, making sure to avoid bending or crimping it. Use the speical plastic support that comes with the appliance (see figure to the right). The free end of the hose must be at a height between 40 and 100 cm and must not be immersed in water.



***Attention**: The special plastic hose support must be solidly fastened to the wall to prevent the drain hose from moving and allowing water to spill outside the drain.*

Electrical Connection
After making sure that the voltage and frequency values for the current in the home correspond to those on the rating plate (located on the stainless steel inner door of the appliance) and that the electrical system is sized for the maximum voltage on the rating plate, insert the plug into an electrical socket which is earthed properly (the earthing of the appliance is a safety requirement mandated by law).
If the electrical socket to which the appliance must be connected is not appropriate for the plug, replace the plug, rather than using adpators or the like as they could cause overheating and burns.

Should the electricity supply cable be damaged, we recommend that you only contact authorised Technical Service Centres for the replacement.

Electrical Connection

Electrical Connection
If your appliance is supplied with a 13 amp. fused plug it can be plugged into a 13 amp socket for immediate use. Before using the appliance please read the instruction below.

WARNING: THIS APPLIANCE MUST BE EARTHED.
THE FOLLOWING OPERATIONS SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN.

Replacing the fuse:
When replacing a faulty fuse, a 13 amp ASTA approved fuse to BS 1362 should always be used, and the fuse cover re-fitted. If the fuse cover is lost, the plug must not be used until a replacement is obtained.

Replacemente fuse covers:
If a replacement fuse cover is fitted, it must be of the correct colours as indicated by the coloured marking or the colour that is embossed in words on the base of the plug. Replacements can be obtained directly from your nearest Service Depot.

Removing the plug:
Ifyour appliance has a non-rewireable moulded plug and you should wish to remove it to re-route the mains cable through partitions, units etc., please esure that either:
- the plug is replaced by a fused 13 amp re-wireable plug bearing the BSI mark of approval
- or:
- the mains cable is wired directly into a 13 amp cable outlet, controlled by a switch, (in compliance with BS 5733) which is accessible without moving the appliance.

Disposing of the plug:
Ensure that before disposing of the plug itself, you make the pins unusable so that it cannot be accidentally inserted into a socket.

Instruction for connecting cable to an altenative plug:
Important: the wires in the mains lead are coloured in accordance with the following code:

Green & Yellow	- **Earth**
Blue	- **Neutral**
Brown	- **Live**

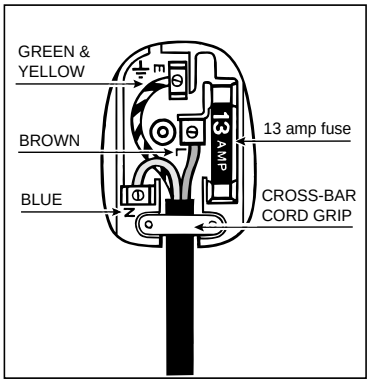
CAUTION:
The dishwasher plug must be accessible even when the appliance is installed as a built-in unit so that maintenance can be done safely.

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminal in your plug, proceed as follows:
connect Green & Yellow wire to terminal market "**E**" or ⏚ coloured Green or Green & Yellow.
Connect Brown wire to terminal marked "**L**" or coloured Red.
Connect Blue wire to terminal marked "**N**" or coloured Black.

If a 13 amp plug (BS 1363) is used it must be fitted with a 13 amp fuse. A15 amp plug must be protected by a 15 amp fuse, either in the plug or adaptor or at the distribution board.
If you are in any doubt about the electrical supply to your machine, consult a qualified electrician before use.

How to connect an alternative plug:
The wires in this mains lead are coloured in accordance with the following code:

BLUE	**"NEUTRAL" ("N")**
BROWN	**"LIVE" ("L")**
GREEN AND YELLOW	**"EARTH" ("E")**



Disposing of the appliance:
When disposing of the appliance please remove the plug by cutting the mains cable as close as possible to the plug body and dispose of it as described above